

FIG. 3

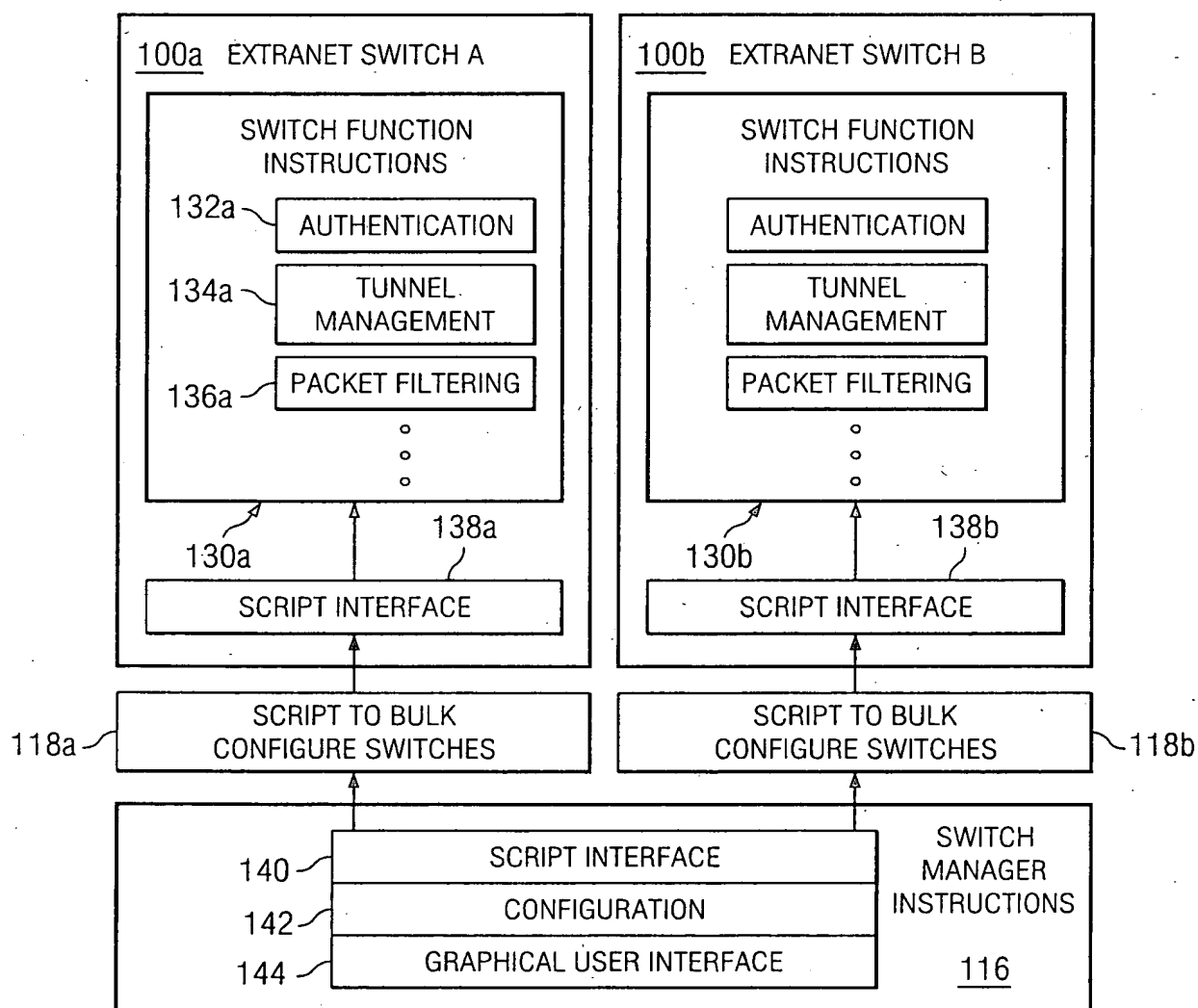
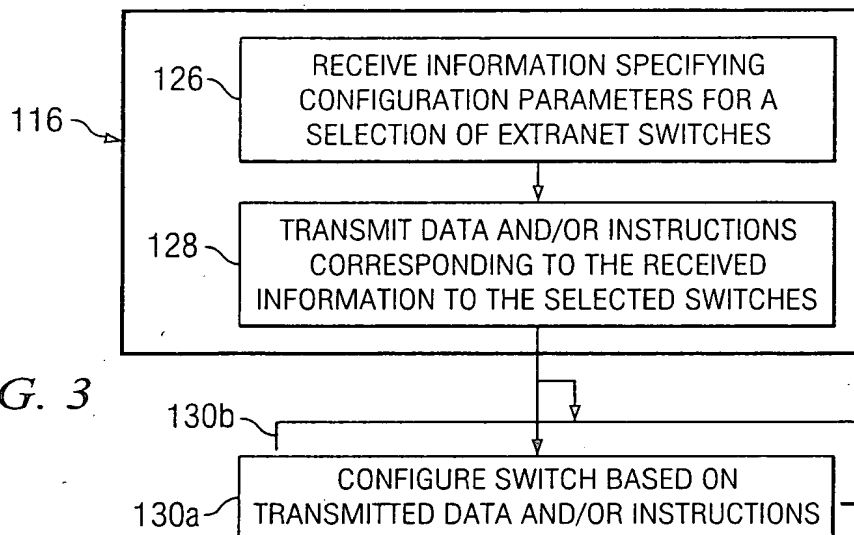


FIG. 4

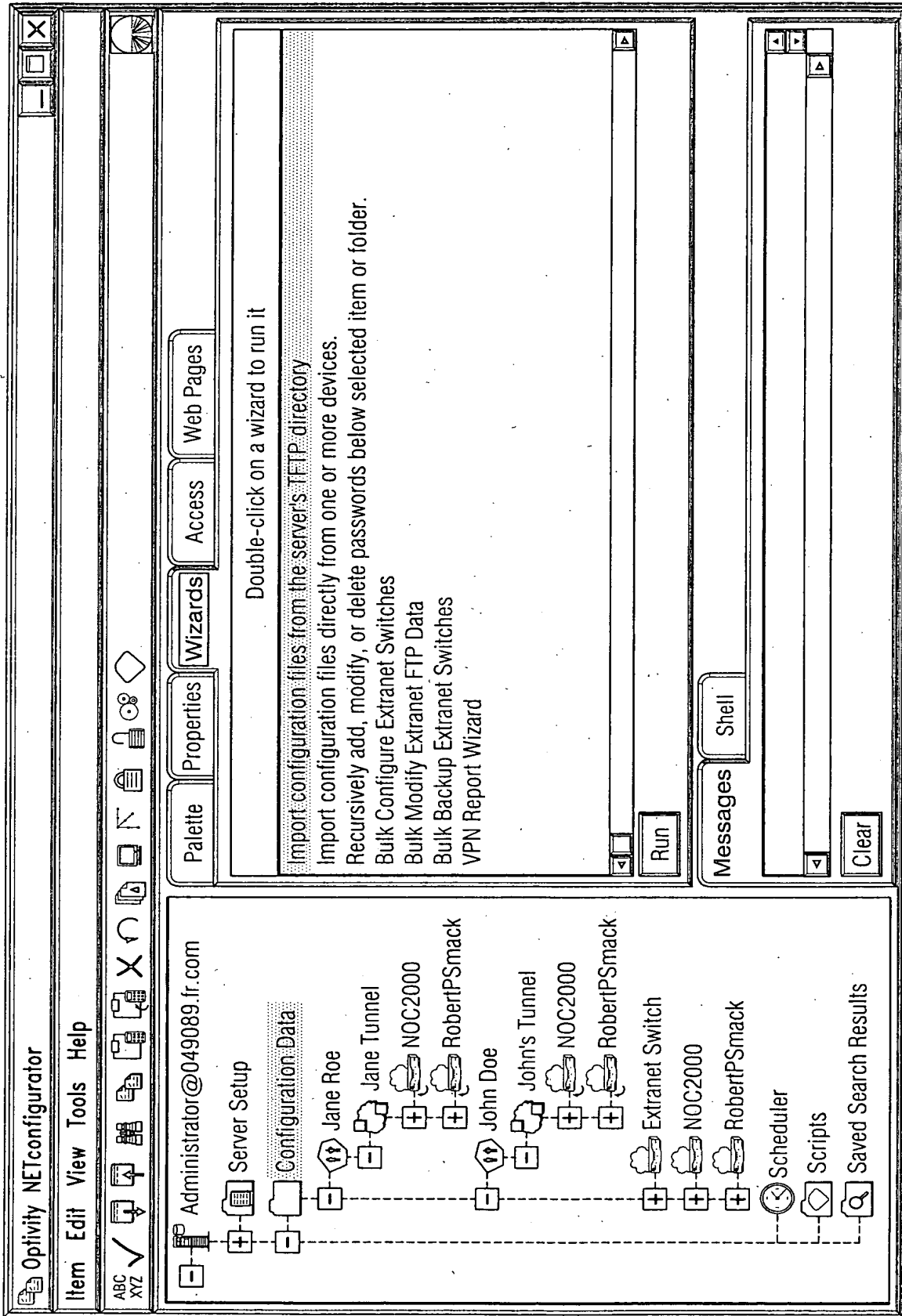


FIG. 5

Bulk Extranet Switch Configuration

Model Selection

Select Contivity Switch Models for Bulk Configuration

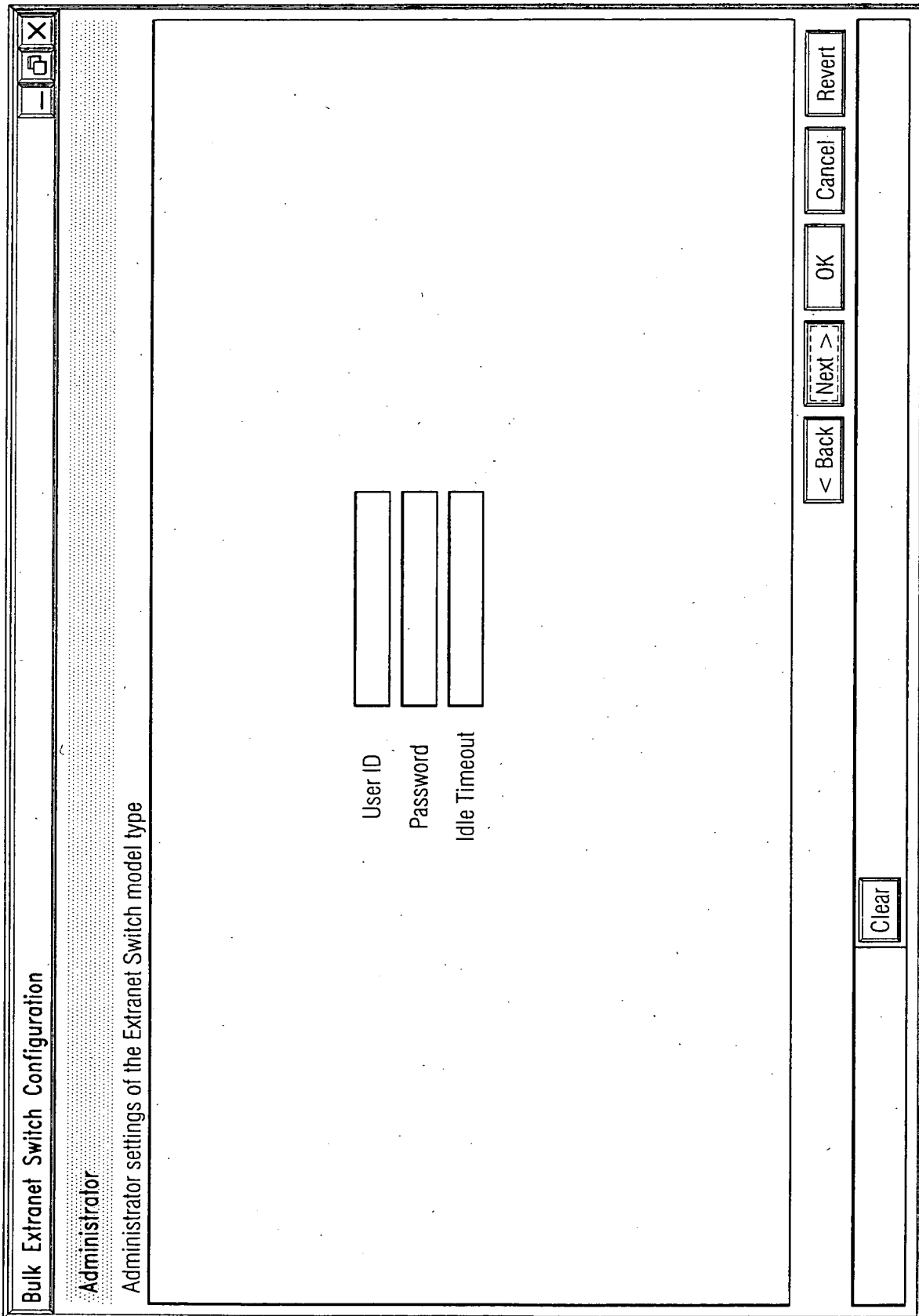
RobertPSmack
NOC2000
Extranet Switch

Select All

Clear

< Back Next > OK Cancel Revert

FIG. 6



A screenshot of a Windows-style dialog box titled "Bulk Extranet Switch Configuration". The dialog has a standard title bar with minimize, maximize, and close buttons. Below the title bar is a horizontal separator line. Underneath, the word "Administrator" is centered. Below that, the text "Administrator settings of the Extranet Switch model type" is displayed. The main area of the dialog is a large rectangle containing three vertically stacked input fields. To the left of each field is a label: "User ID", "Password", and "Idle Timeout". To the right of the input fields is a vertical stack of five buttons: "< Back", "Next >", "OK", "Cancel", and "Revert". At the bottom of the dialog, there is a horizontal bar containing a "Clear" button.

Bulk Extranet Switch Configuration

Administrator

Administrator settings of the Extranet Switch model type

User ID

Password

Idle Timeout

< Back Next > OK Cancel Revert

Clear

FIG. 7

The image shows a Windows-style dialog box titled "Bulk Extranet Switch Configuration". It has a standard title bar with minimize, maximize, and close buttons. The dialog is divided into two main sections. The top section, titled "DNS Configuration", has a subtitle "DNS settings of the Extranet Switch model type". Below this, there are four labels with corresponding text input fields: "DNS Domain Name", "Primary DNS Server", "Secondary DNS Server", and "Tertiary DNS Server". The bottom section of the dialog contains a row of five buttons: "< Back", "Next >", "OK", "Cancel", and "Revert". At the very bottom, there is a "Clear" button.

Bulk Extranet Switch Configuration

DNS Configuration

DNS settings of the Extranet Switch model type

DNS Domain Name

Primary DNS Server

Secondary DNS Server

Tertiary DNS Server

< Back Next > OK Cancel Revert

Clear

FIG. 8

Bulk Extranet Switch Configuration

Service

Service settings of the Extranet Switch model type

IP Sec	<input type="checkbox"/> Private	<input type="checkbox"/> Public
PPTP	<input type="checkbox"/> Private	<input type="checkbox"/> Public
L2TP & L2F	<input type="checkbox"/> Private	<input type="checkbox"/> Public
HTTP	<input type="checkbox"/> Private	
SNMP	<input type="checkbox"/> Private	
FTP	<input type="checkbox"/> Private	
TELNET	<input type="checkbox"/> Private	
Allow End User to End User	<input type="checkbox"/>	
Allow End User to Branch Office	<input type="checkbox"/>	
Allow Branch Office to Branch Office	<input type="checkbox"/>	

FIG. 9

Bulk Extranet Switch Configuration

SNMP Traps

SNMP Trap settings of the SNMP model type

Enable	Host Name	Description	Community Name	Interval (hh:mm:ss)
<input type="checkbox"/>		Trap on health warnings		
<input type="checkbox"/>		Trap on health alerts		
<input type="checkbox"/>		Generate periodic heartbeat		
<input type="checkbox"/>		Trap on hardware warnings and alerts		
<input type="checkbox"/>		Trap on intrusions		
<input type="checkbox"/>		Trap on failed login attempts		
<input type="checkbox"/>		Generate power up trap		

Clear

< Back Next > OK Cancel Revert

FIG. 10

Bulk Extranet Switch Configuration

Radius Accounting

Radius Accounting settings of the Extranet Switch model type

Enable Radius Accounting ☐

Enable Internal Radius Accounting ☐

Session Update Interval (hh:mm:ss)

Enable External Radius Accounting ☐

Host Name

Port

Secret

Clear

< Back Next > OK Cancel Revert

FIG. 11

Bulk Extranet Switch Configuration

Radius Authentication

Radius Authentication settings of the Contivity Switch model type

☒ Enable Radius Authentication *

<input type="checkbox"/> Remove Suffix from User ID	<input type="checkbox"/>
<input type="checkbox"/> Enable AXENT Authentication	<input type="checkbox"/>
<input type="checkbox"/> Enable SecurID Authentication	<input type="checkbox"/>
<input type="checkbox"/> Enable MS-CHAP Authentication	<input type="checkbox"/>
<input type="checkbox"/> Enable CHAP Authentication	<input type="checkbox"/>
<input type="checkbox"/> Enable PAP Authentication	<input type="checkbox"/>
<input type="checkbox"/> Enable Primary Server	<input type="checkbox"/>
Primary Host Name	<input type="text"/>
Primary Port	<input type="text" value="1645"/>
Primary Secret	<input type="text"/>
<input type="checkbox"/> Enable Alternate 1 Server	<input type="checkbox"/>
Alternate 1 Host Name	<input type="text"/>
Alternate 1 Port	<input type="text" value="1645"/>
Alternate 1 Secret	<input type="text"/>
<input type="checkbox"/> Enable Alternate 2 Server	<input type="checkbox"/>
Alternate 2 Host Name	<input type="text"/>
Alternate 2 Port	<input type="text" value="1645"/>

FIG. 12

Bulk Extranet Switch Configuration

External LDAP

External LDAP Server settings of the Contivity Switch model type

☐ Enable External LDAP Server

Base DN	<input type="text"/>
<input type="checkbox"/> Remove Suffix From UI	
Delimiter	<input type="text"/>
Master Host Name	<input type="text"/>
Master Connection	<input type="text"/> PORT <input type="button" value="v"/>
Master Port	<input type="text"/>
Master Bind DN	<input type="text"/>
Master Password	<input type="text"/>
Slave 1 Host Name	<input type="text"/>
Slave 1 Connection	<input type="text"/> PORT <input type="button" value="v"/>
Slave 1 Port	<input type="text"/>
Slave 1 Bind DN	<input type="text"/>
Slave 1 Password	<input type="text"/>
Slave 2 Host Name	<input type="text"/>
Slave 2 Connection	<input type="text"/> PORT <input type="button" value="v"/>
Slave 2 Port	<input type="text"/>

FIG. 13

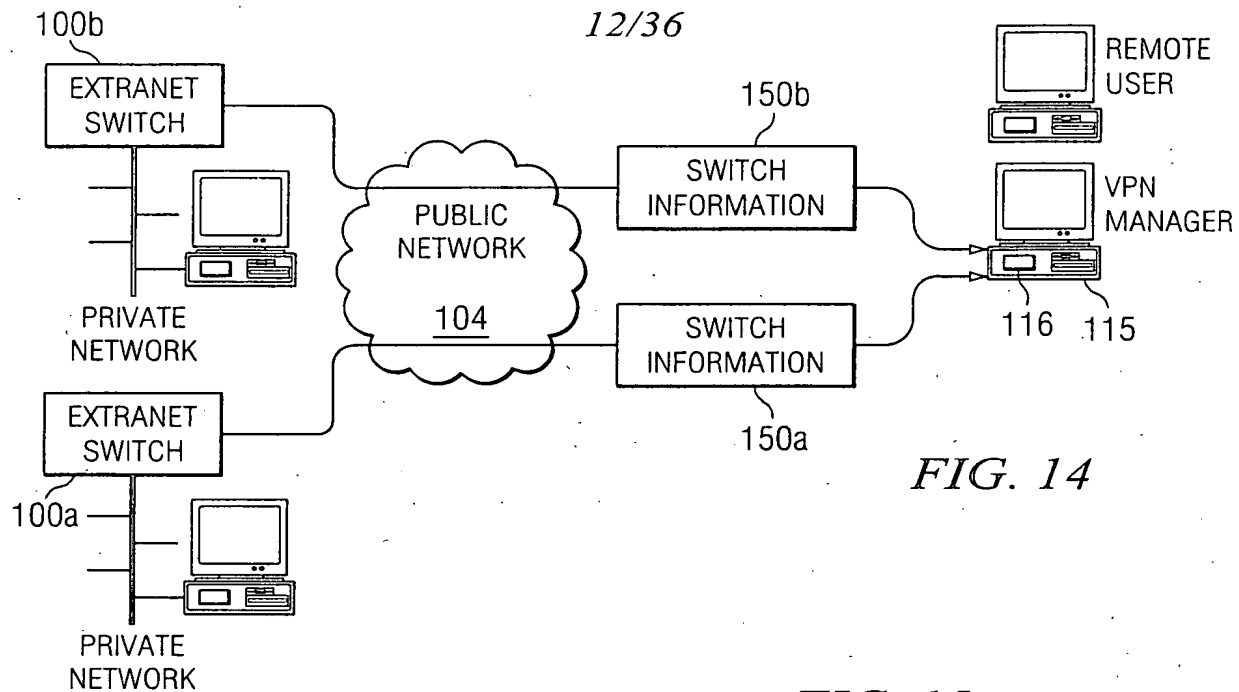
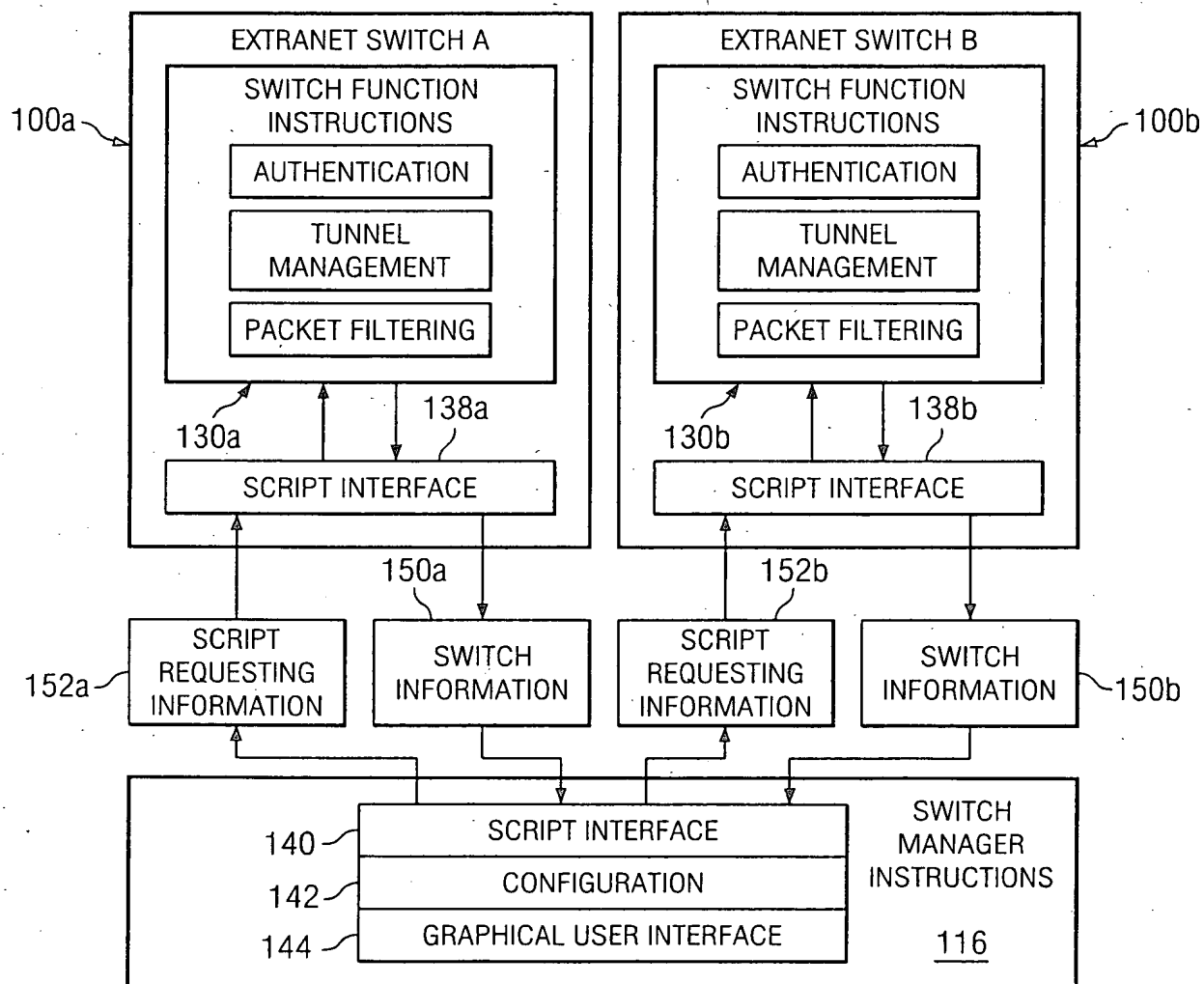


FIG. 14

FIG. 15



VPN Report Wizard

Reports

VPN Report

Report Selection:

RobertPSr
NOC2000
Extranet S

"Static" Contivity Report
"Static" Contivity Report
"Dynamic" Contivity Report
Security Report
Contivity Capacity Report
Contivity Trend Report
Service Trend Report

Select All

Clear All

Select Models:

Clear

OK

Cancel

FIG. 16

VPN Contivity Report

Contivity Report

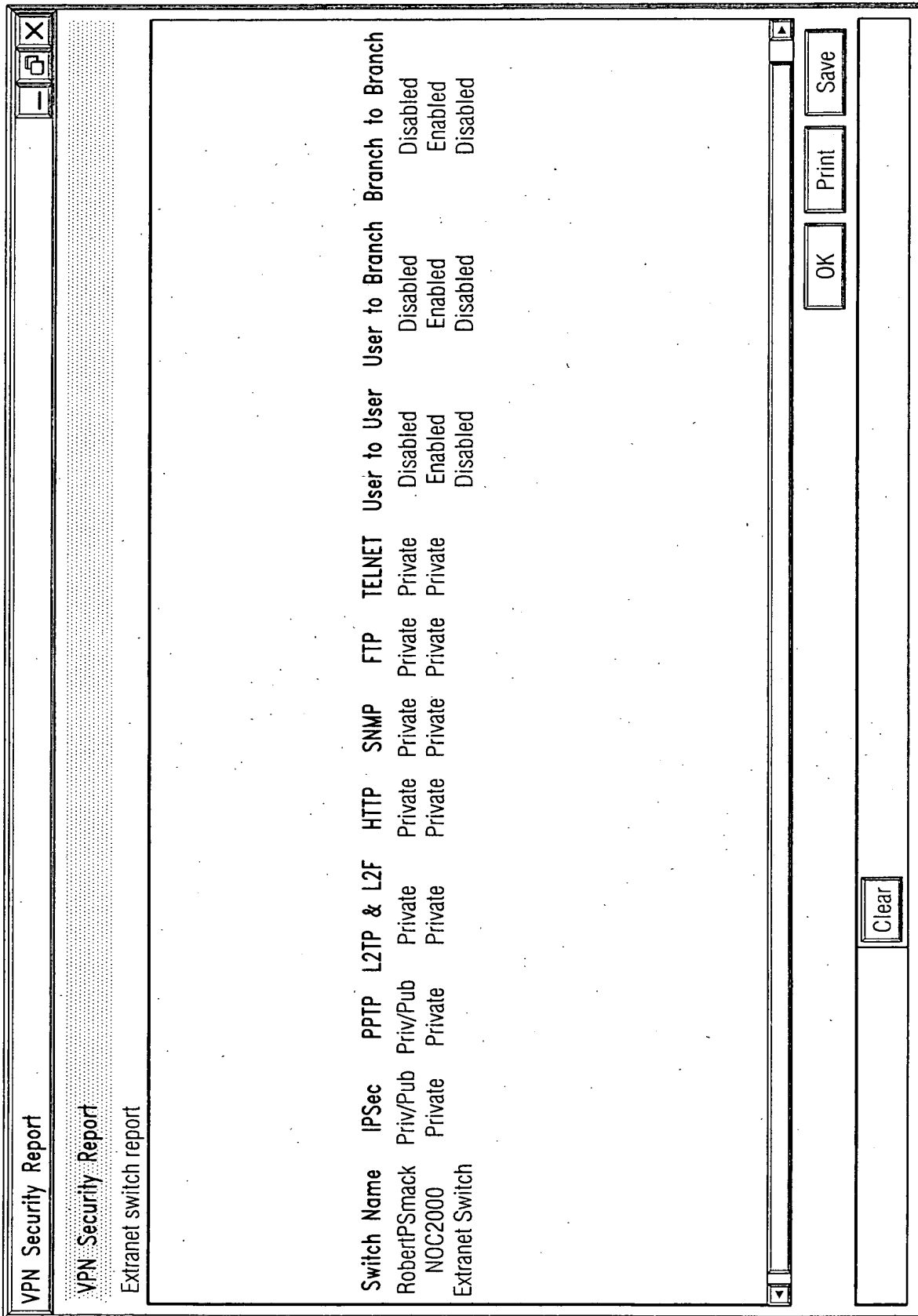
Extranet switch report

Switch Name	Host Name	Domain Name	Primary Server	Secondary Server	Tertiary Server
RobertPSmack	RobertPSmack	hi.com	0.0.0.0	0.0.0.0	0.0.0.0
NOC2000	NOC2000	corpeast.baynetworks.com	132.245.135.76	132.245.135.108	0.0.0.0
Extranet Switch	<null>	<null>	<null>	<null>	<null>

Clear

OK Print Save

FIG. 17



A screenshot of a Windows-style application window titled "VPN Security Report". The window has a standard title bar with minimize, maximize, and close buttons. Below the title bar, there is a menu bar with "VPN Security Report" and "Extranet switch report". The main content area displays a table of security data. The table has columns for "Switch Name", "IPSec", "PPTP", "L2TP & L2F", "HTTP", "SNMP", "FTP", "TELNET", "User to User", "User to Branch", and "Branch to Branch". The data rows are for "RobertIPSmack", "NOC2000", and "Extranet Switch". At the bottom of the window, there is a "Clear" button and a set of "OK", "Print", and "Save" buttons.

Switch Name	IPSec	PPTP	L2TP & L2F	HTTP	SNMP	FTP	TELNET	User to User	User to Branch	Branch to Branch
RobertIPSmack	Priv/Pub	Priv/Pub	Private	Private	Private	Private	Private	Disabled	Disabled	Disabled
NOC2000	Private	Private	Private	Private	Private	Private	Private	Enabled	Enabled	Enabled
Extranet Switch								Disabled	Disabled	Disabled

FIG. 18

Contivity Switch	Tunnels : Users
RobertPSmack	2000 : 0
NOC2000	100 : 1
Extranet Switch	

FIG. 19

VPN Contivity Trend Report

VPN Trend Report

Extranet Switch Trend Report

No Sort

Dates: 1/1/99 through 3/1/99

Contivity Switch	Total	Admin Sessions	IPSec Sessions	PPTP Sessions	L2F Sessions	L2TP Sessions
RobertPSmack	67	67	0	0	0	0
NOC2000	0	0	0	0	0	0
Extranet Switch	0	0	0	0	0	0

Clear

OK

Print

Save

FIG. 20

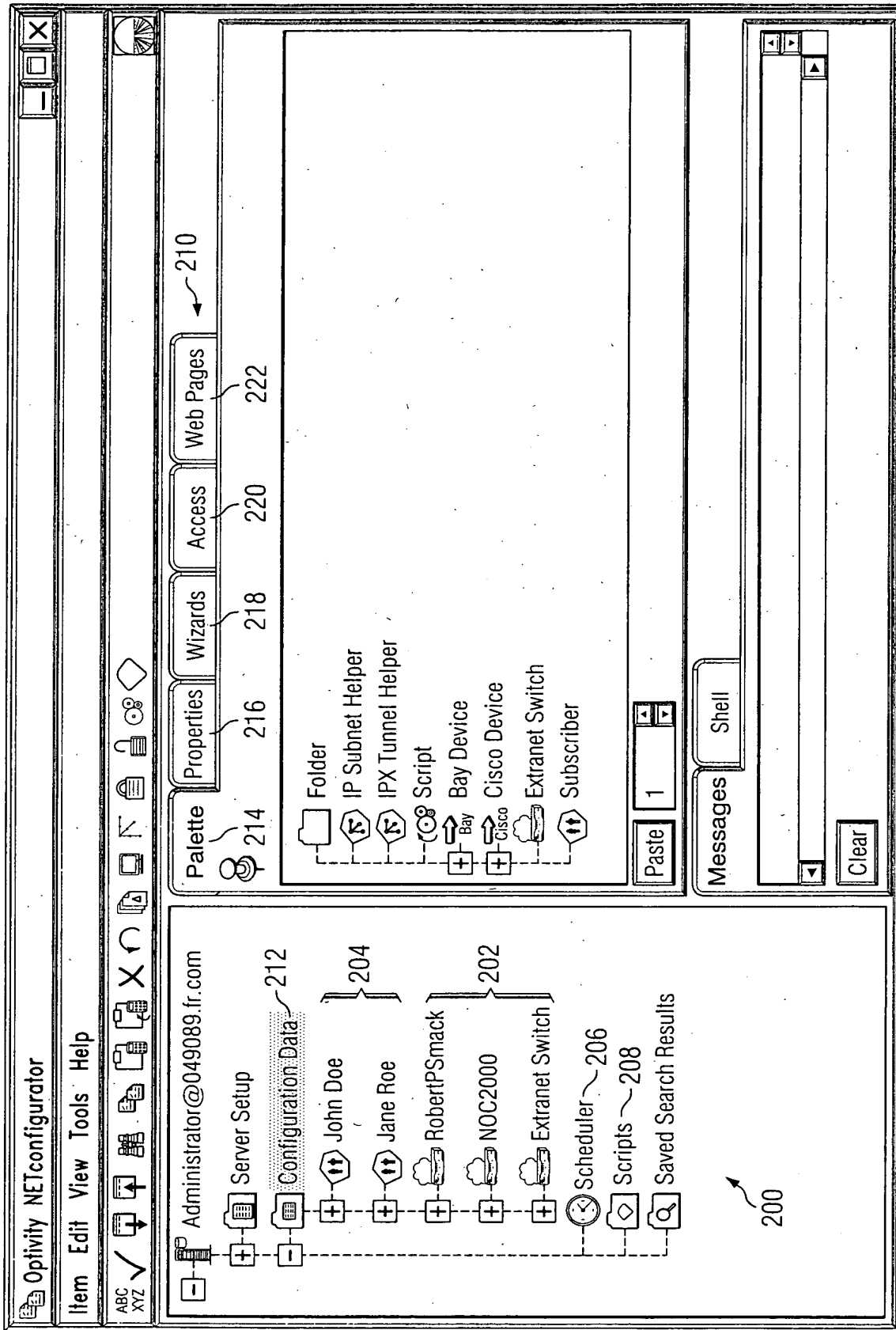


FIG. 21

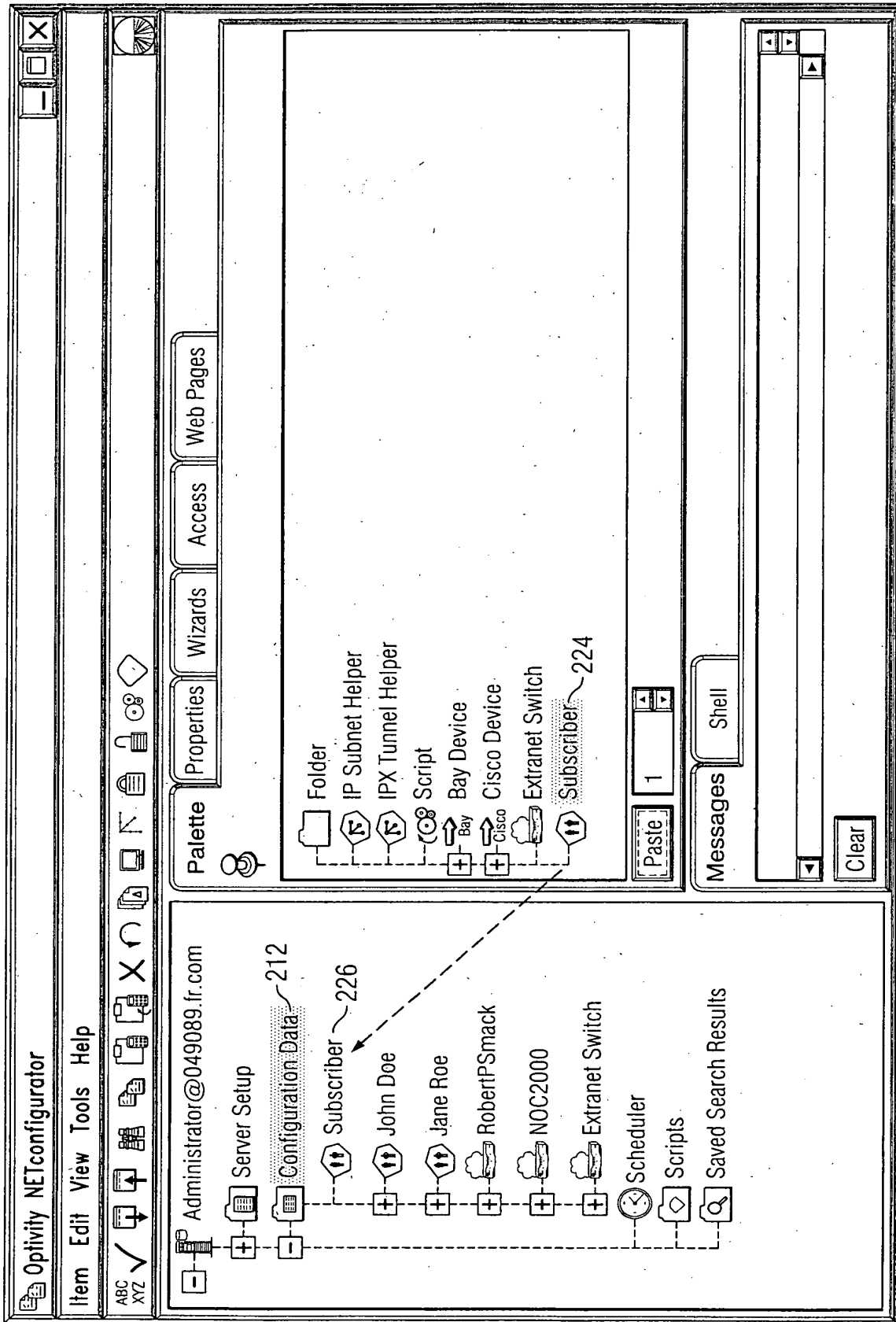


FIG. 22

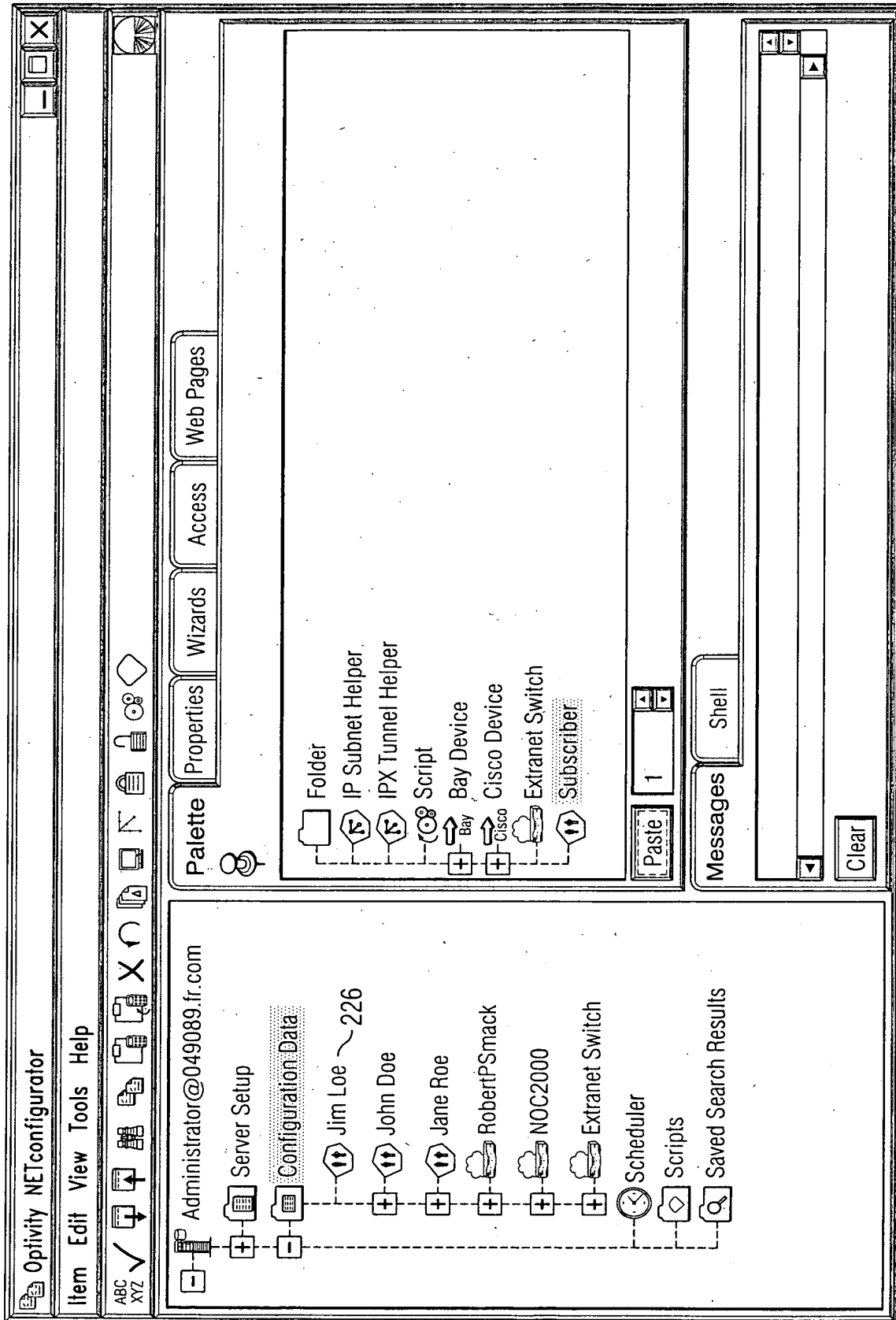


FIG. 23

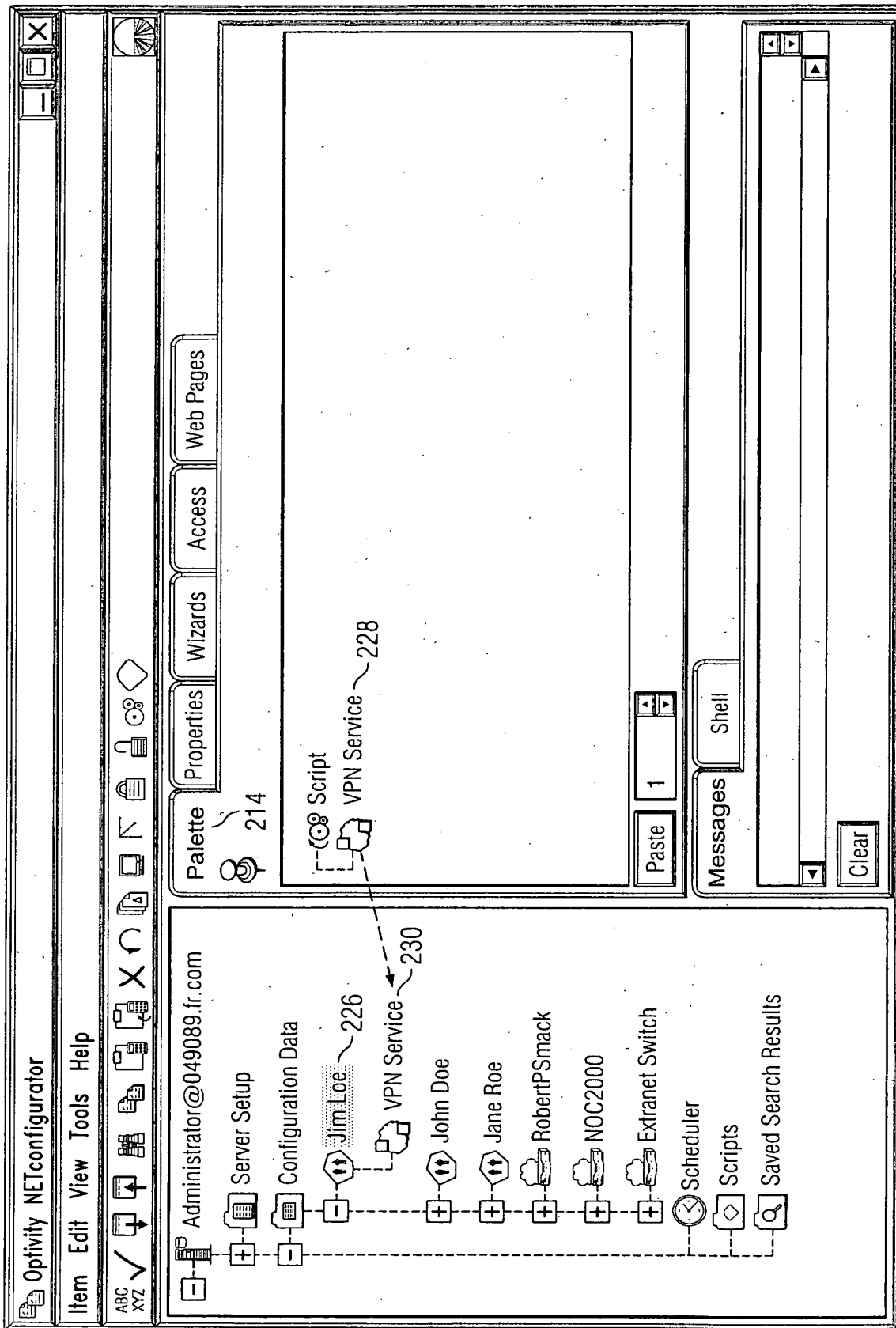


FIG. 24

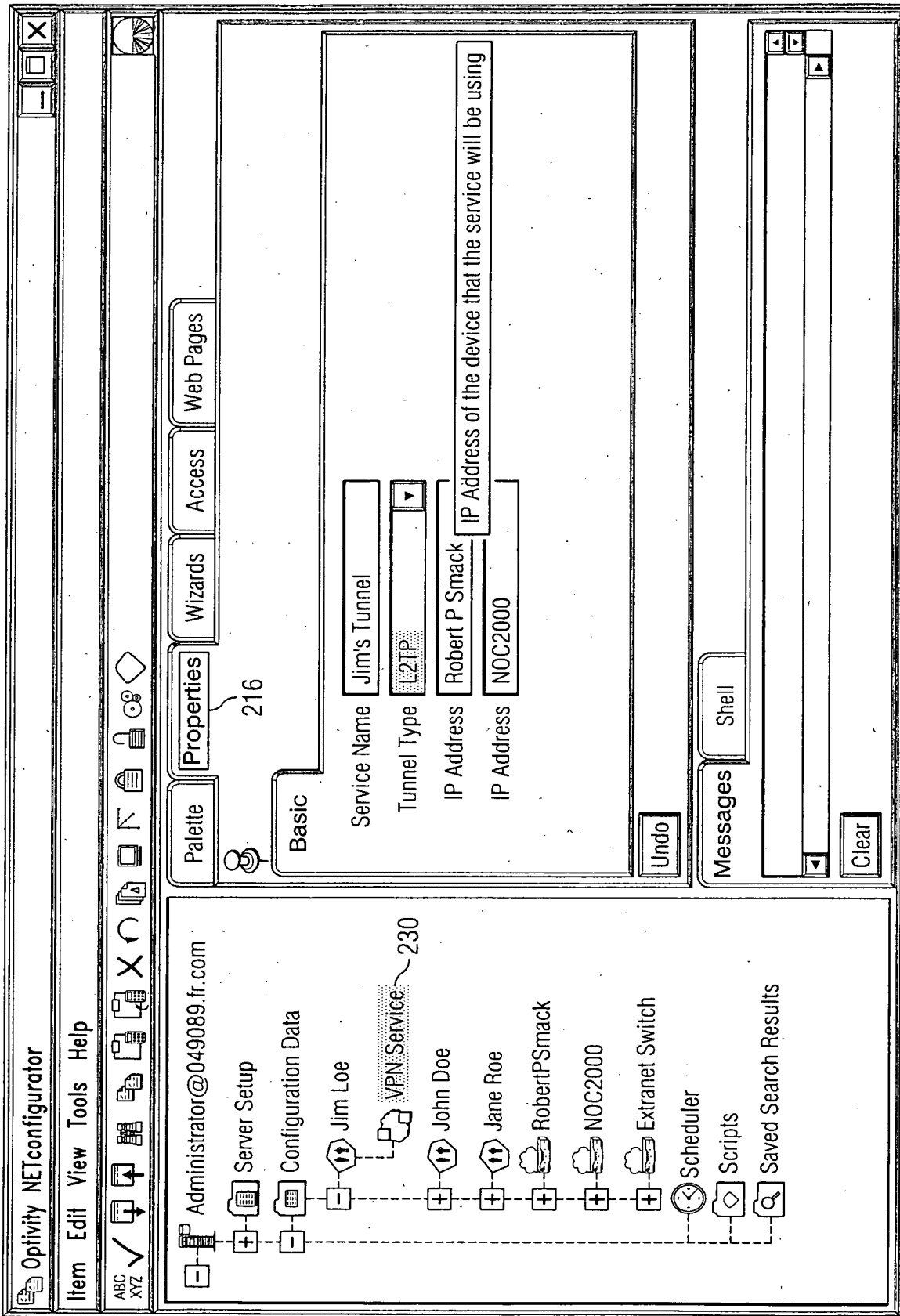


FIG. 25

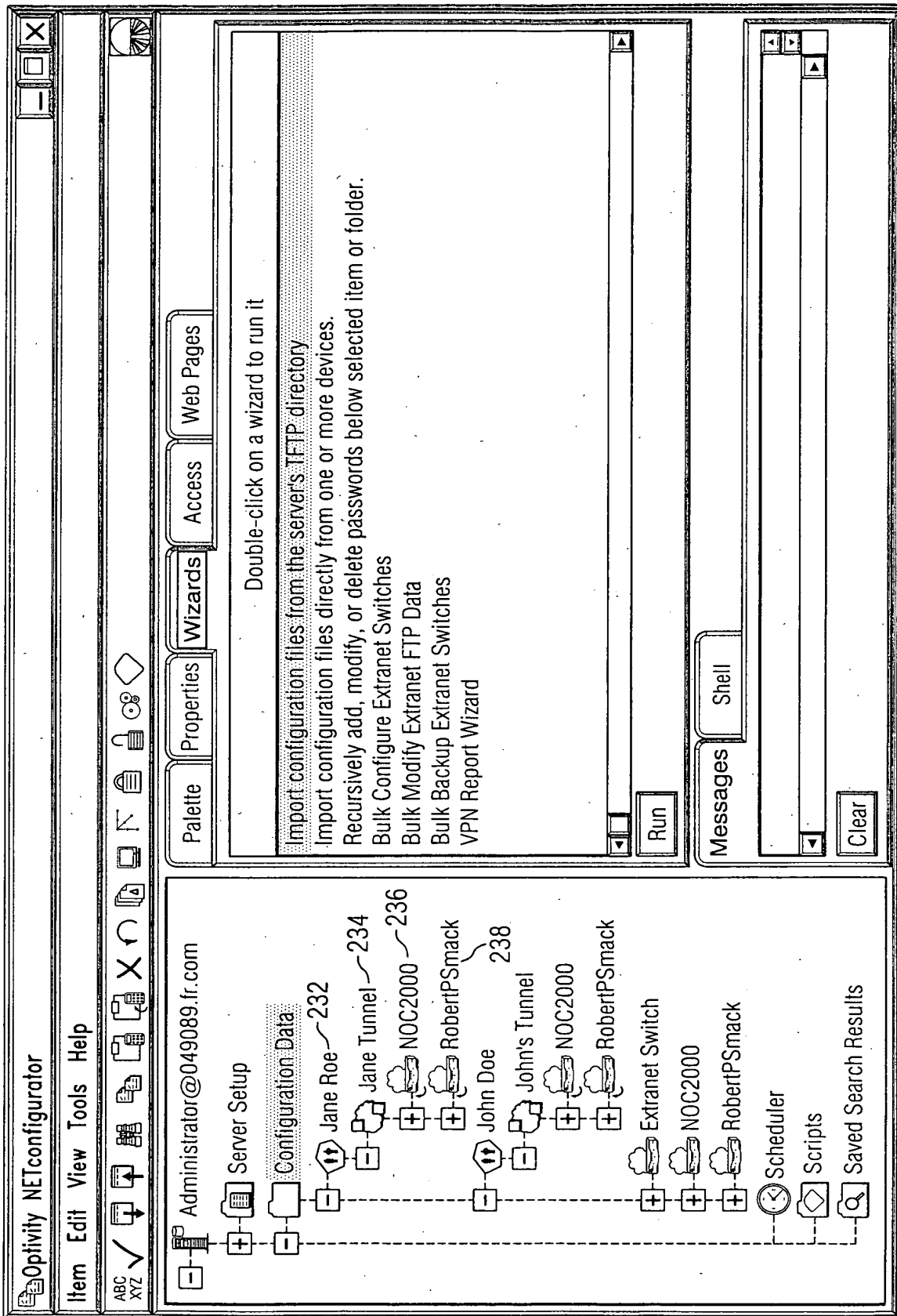


FIG. 26

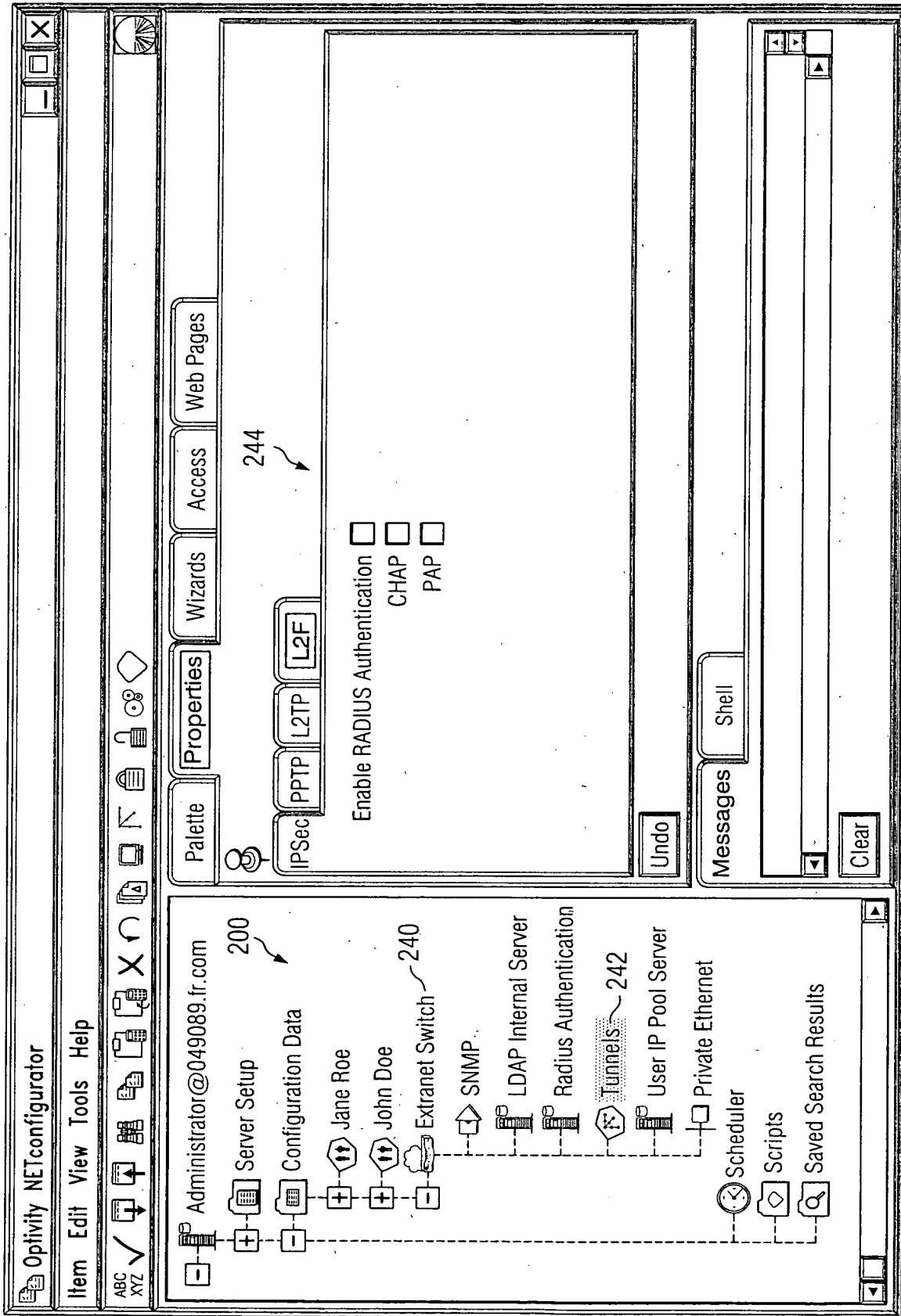


FIG. 27

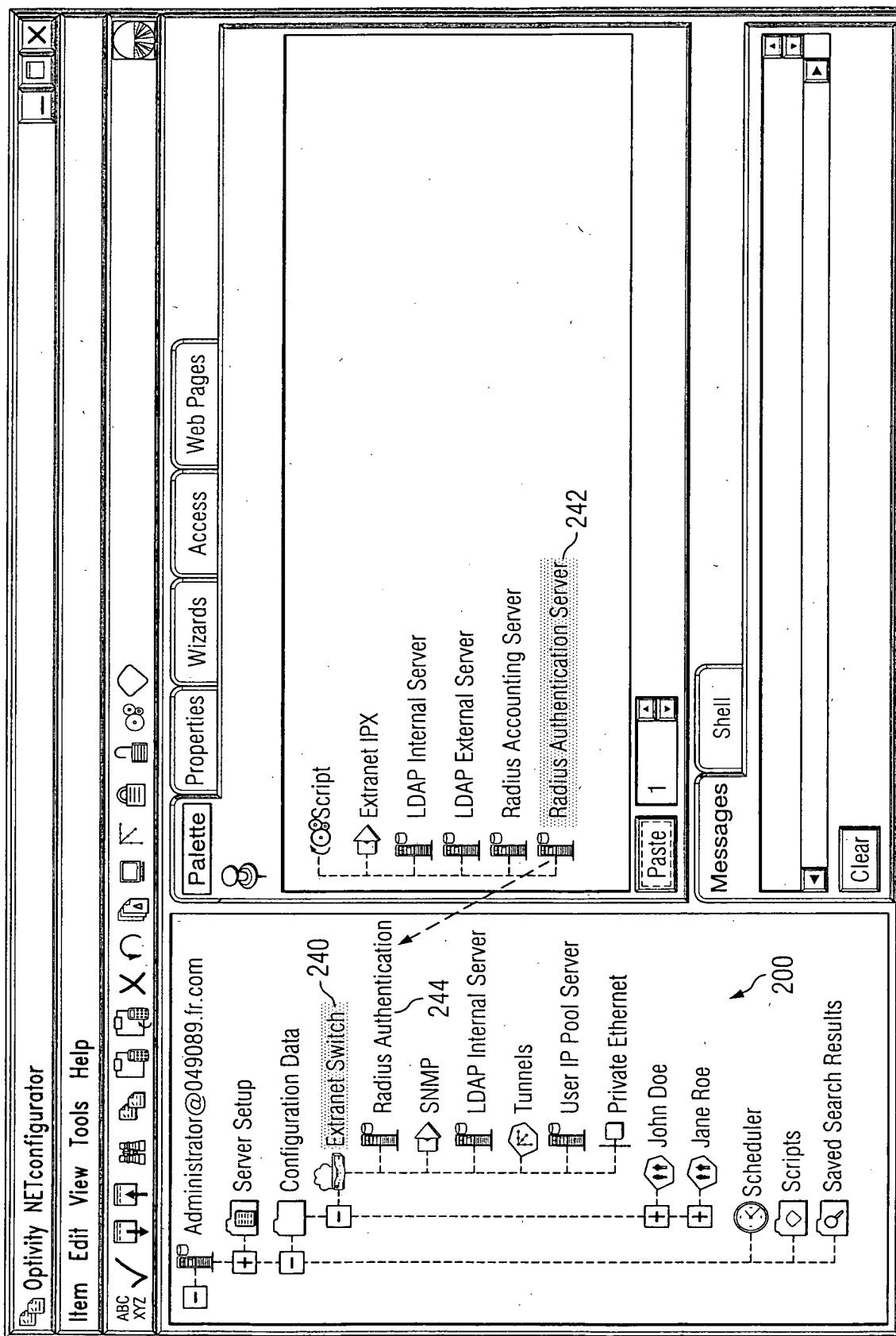


FIG. 28

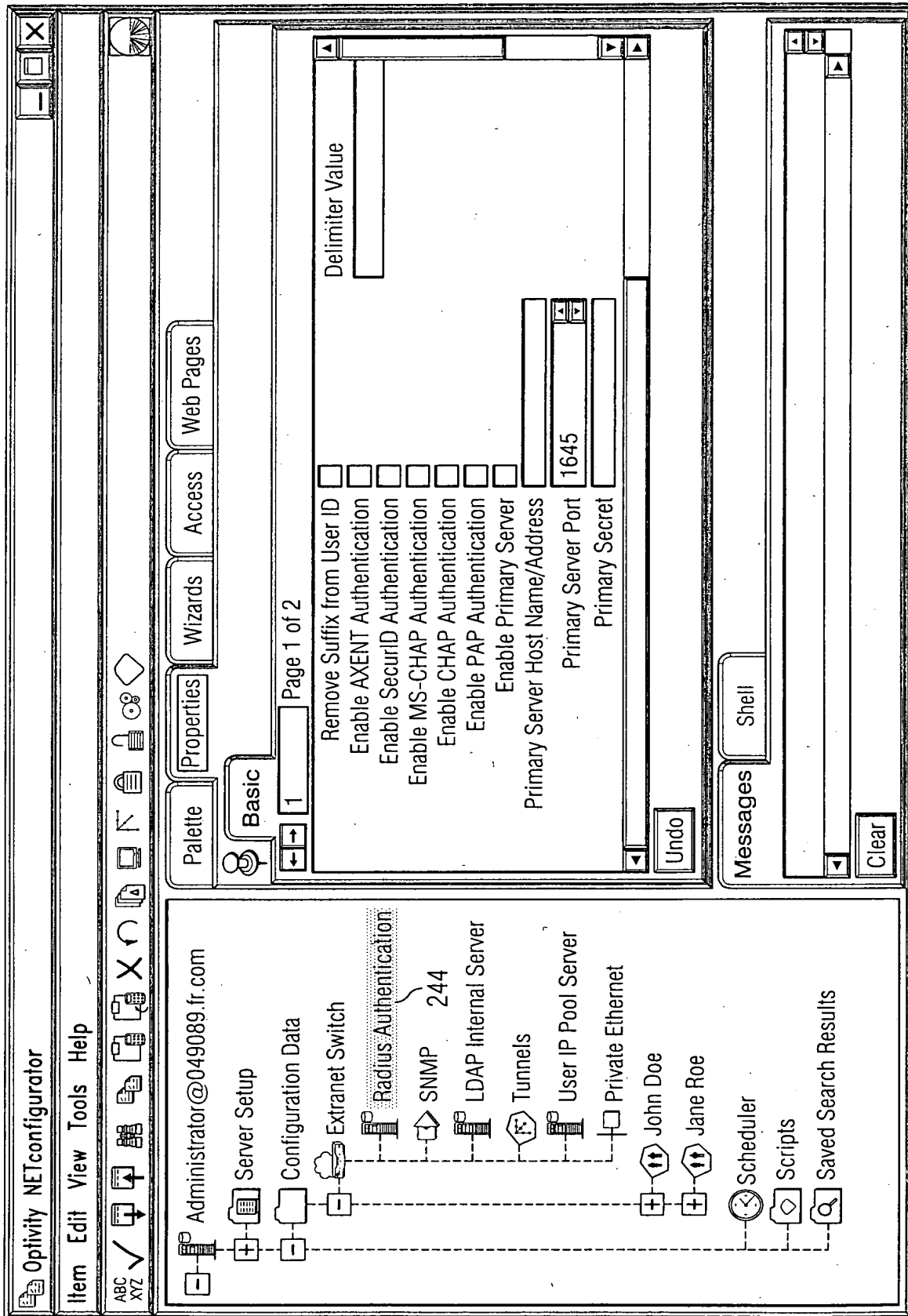


FIG. 29

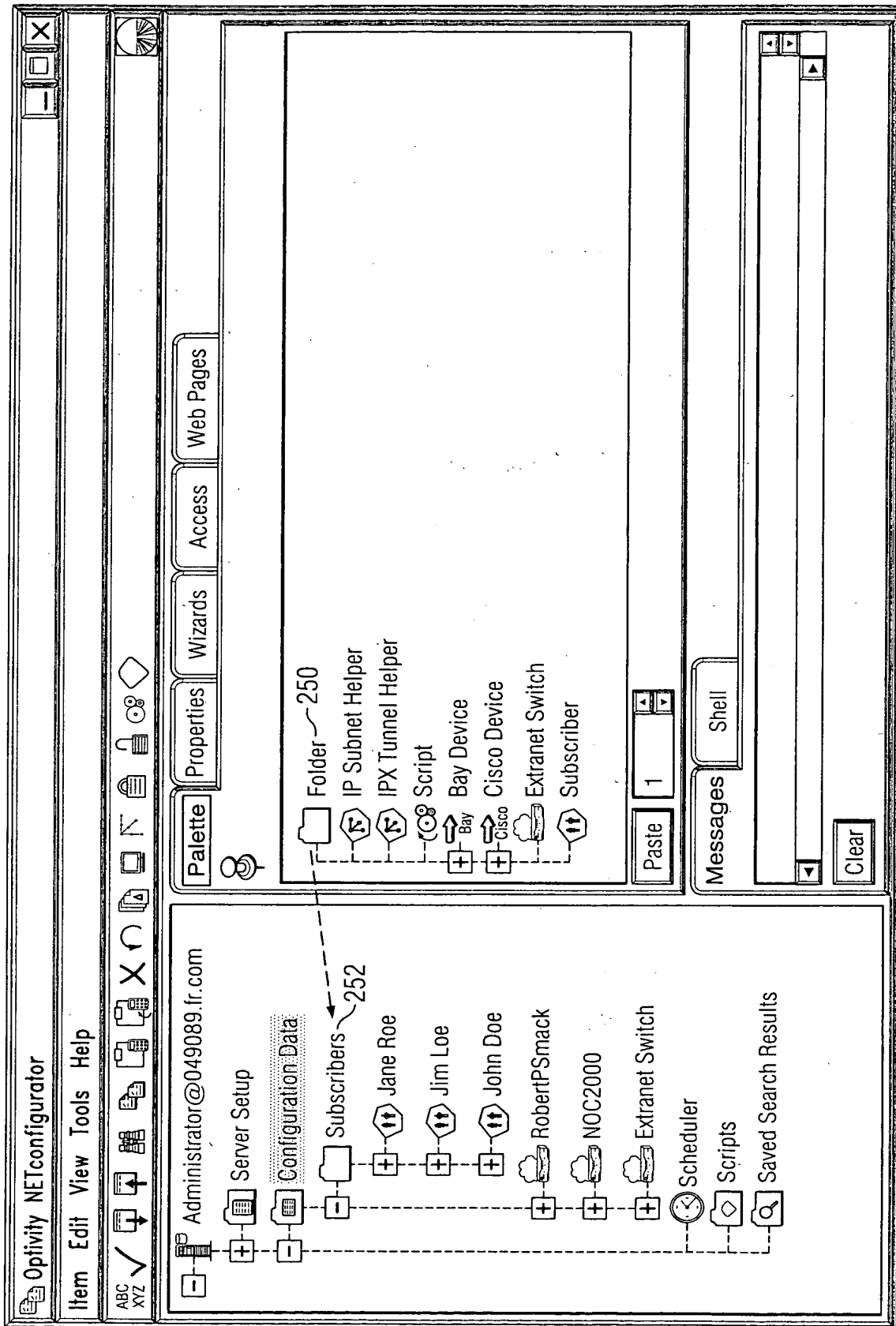


FIG. 30

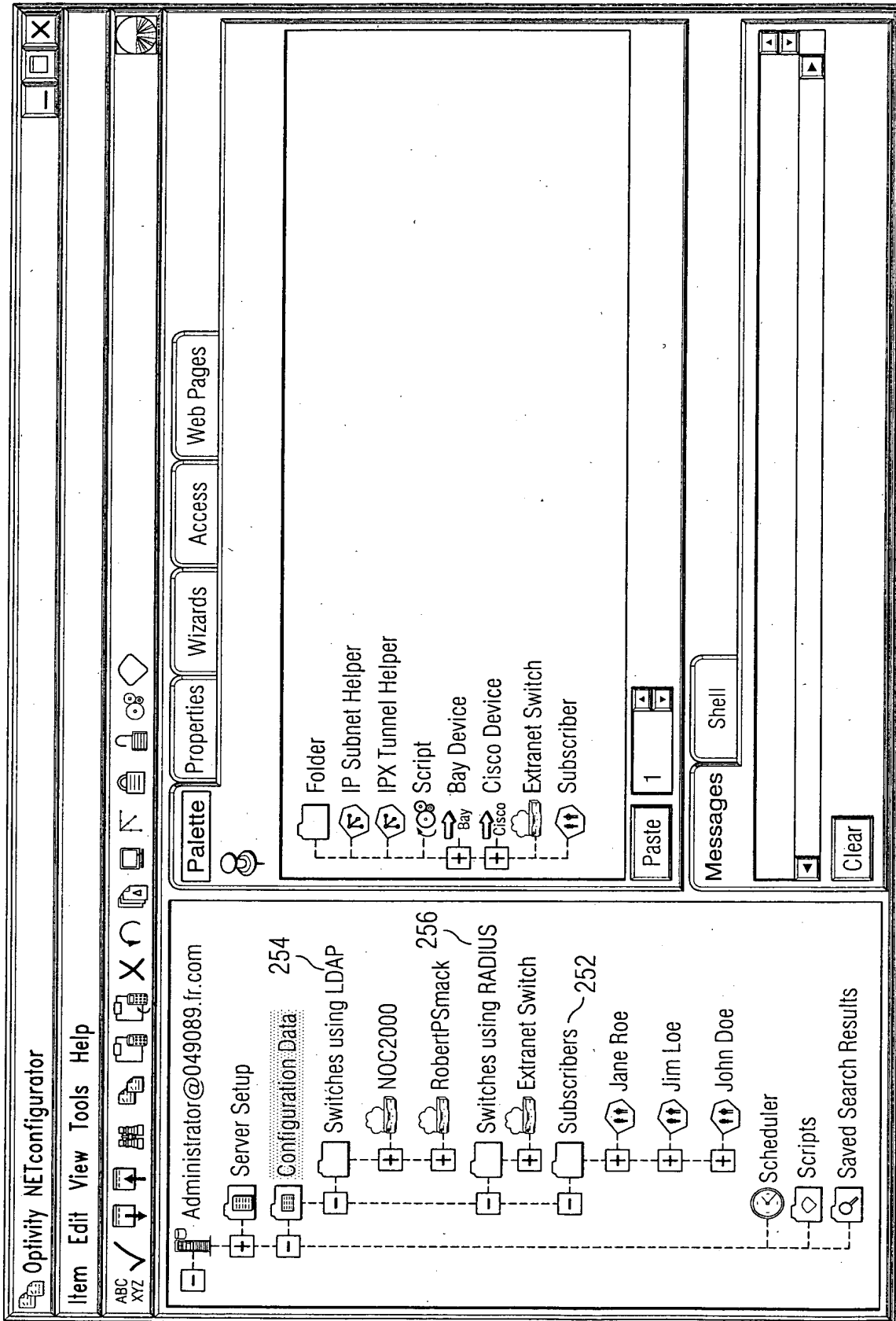


FIG. 31

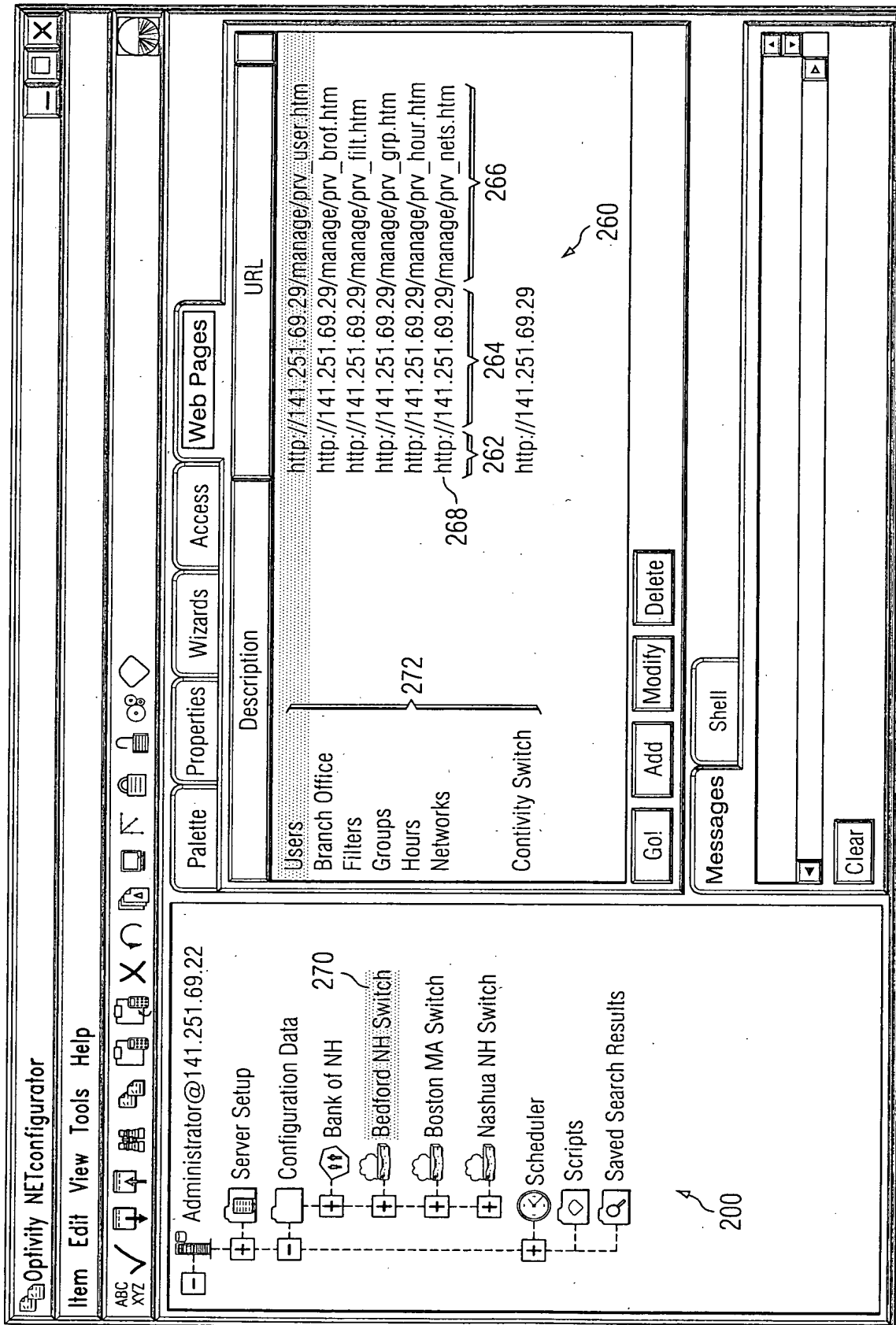


FIG. 32

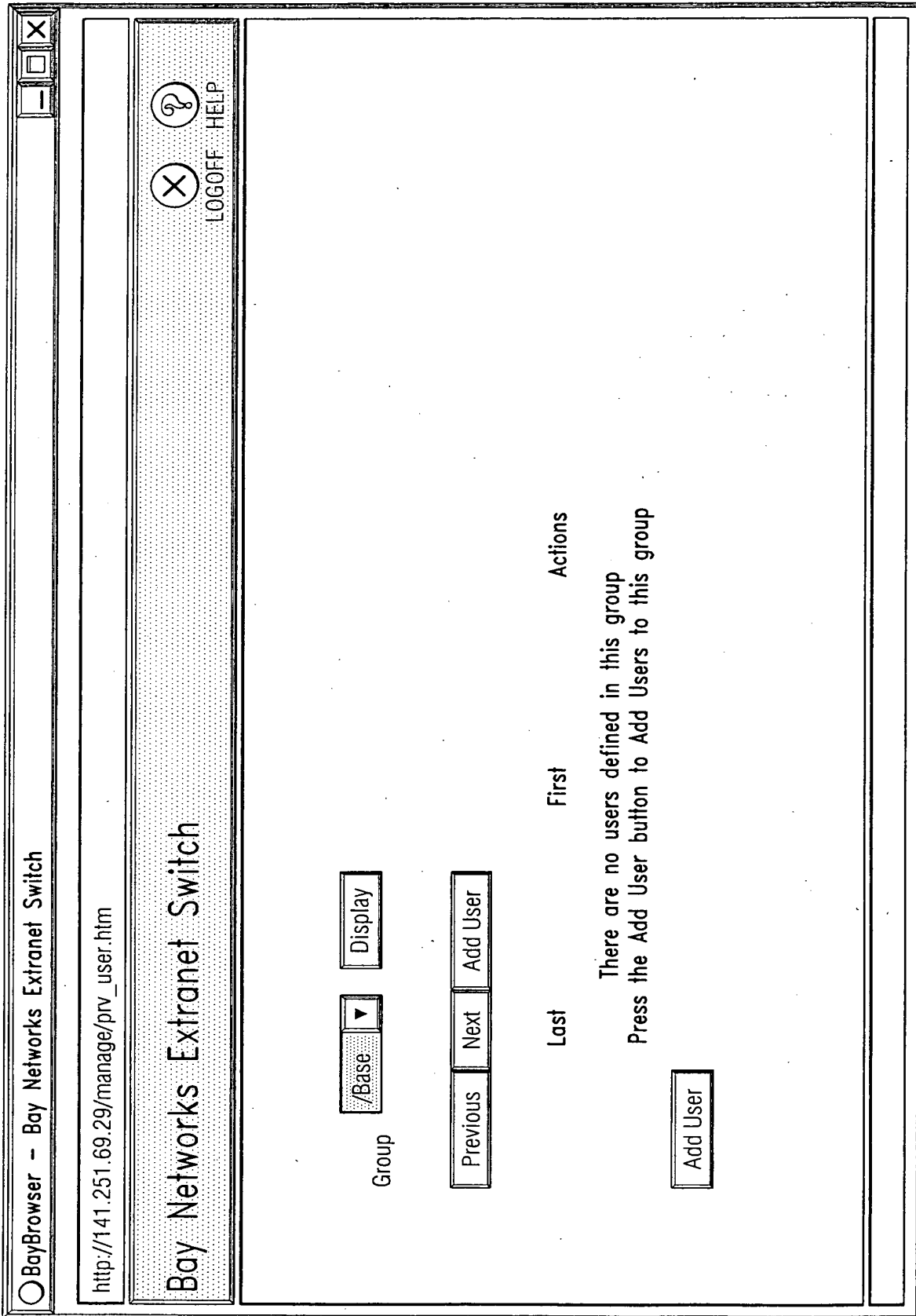


FIG. 33

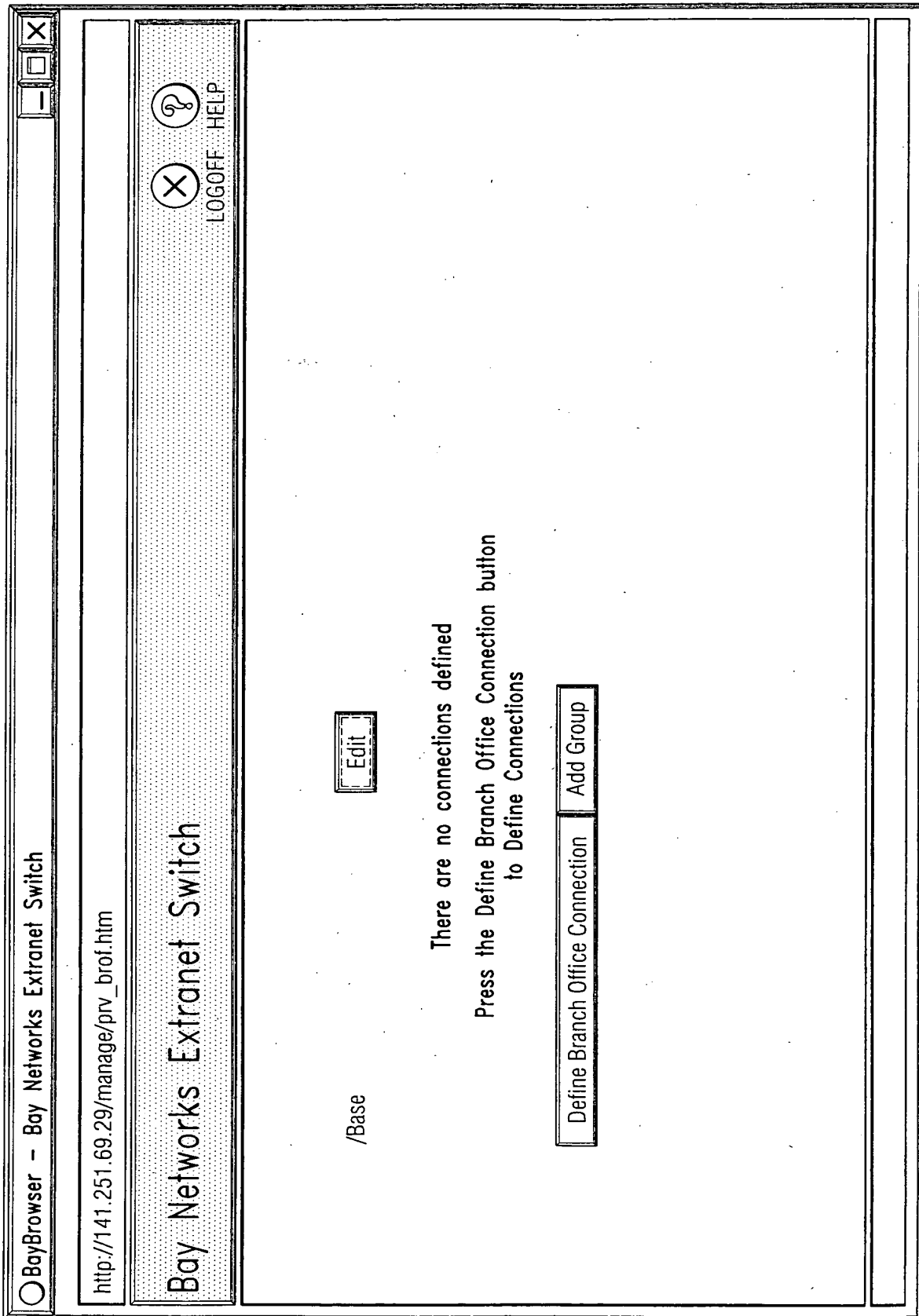


FIG. 34

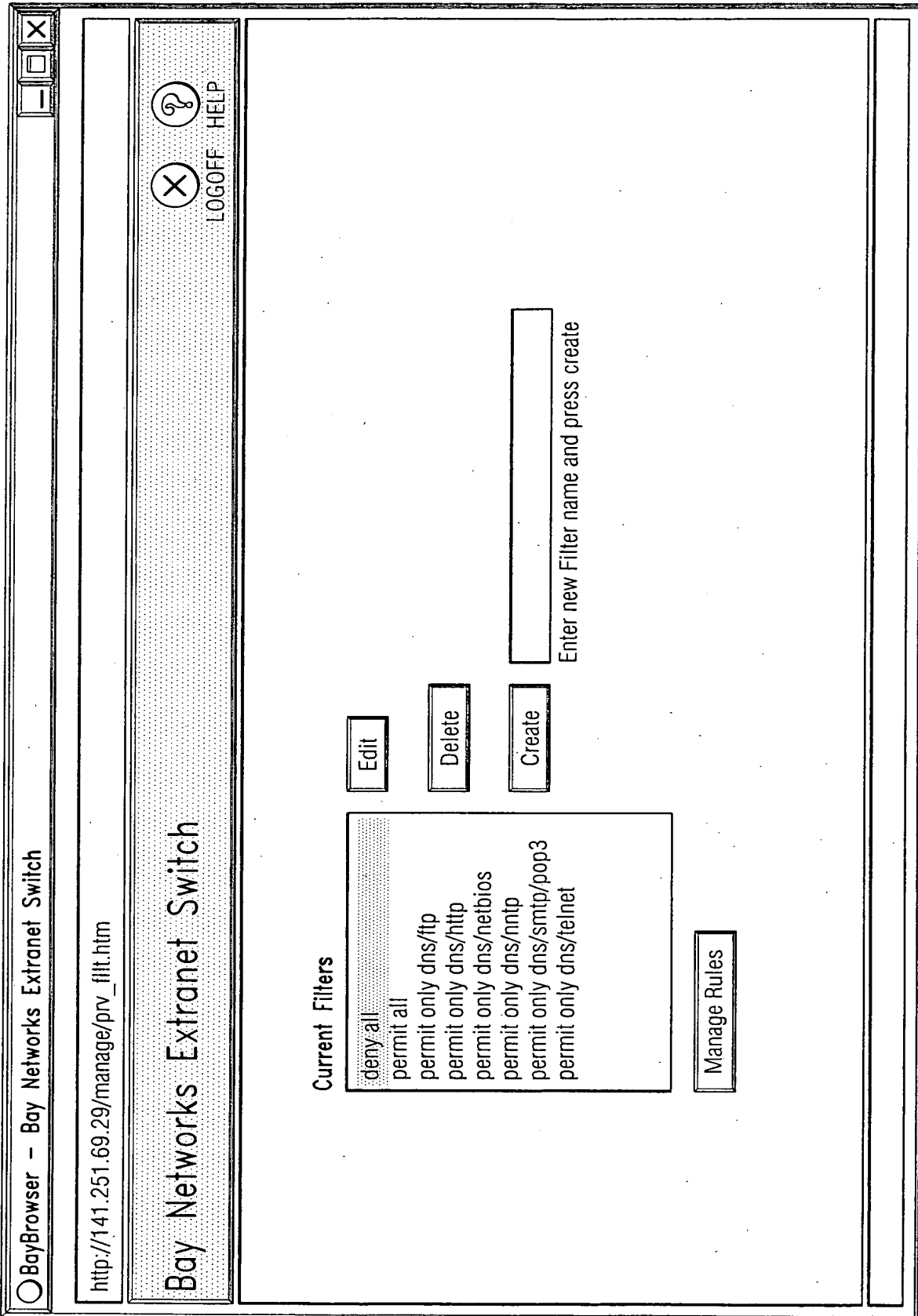


FIG. 35

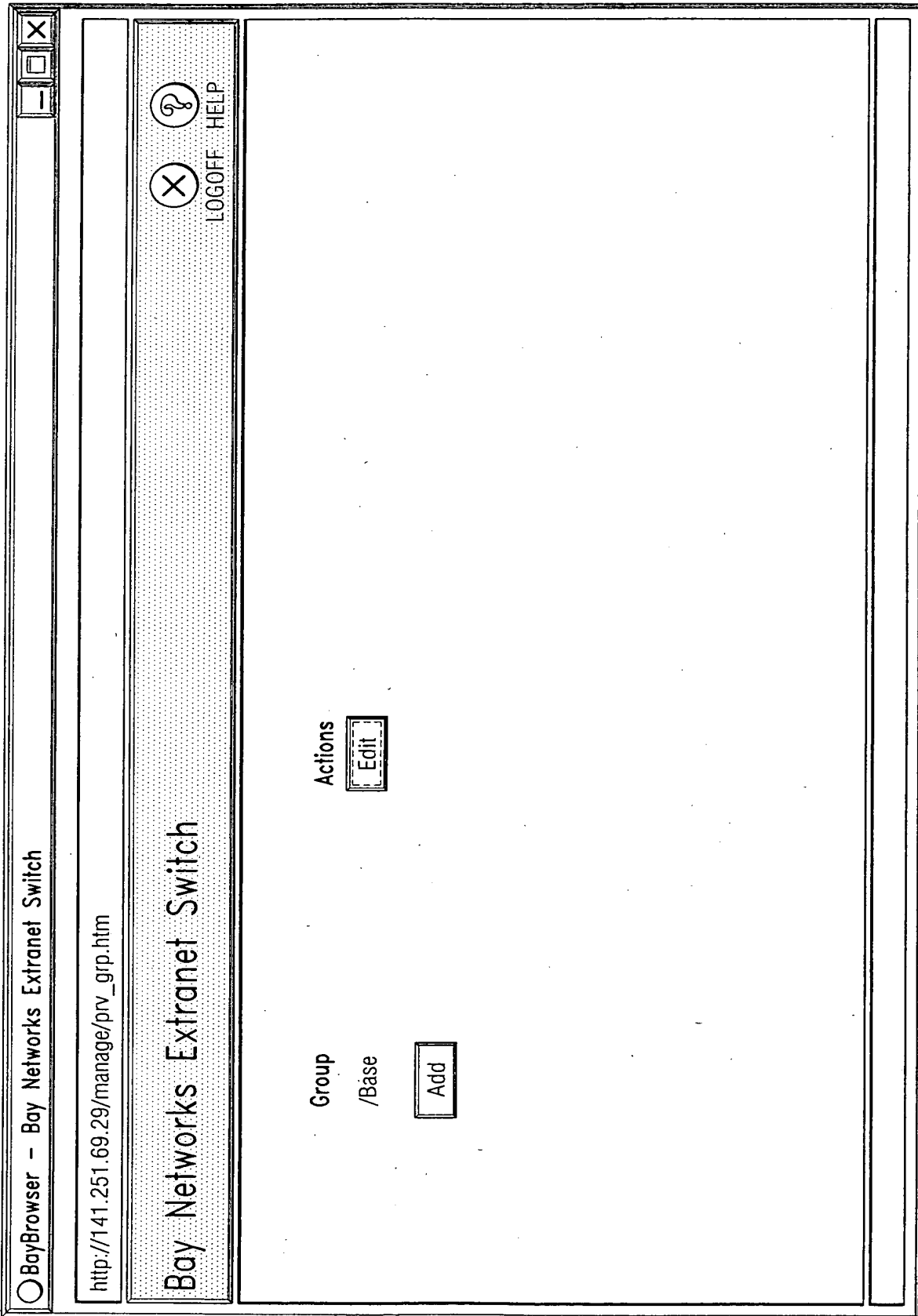


FIG. 36

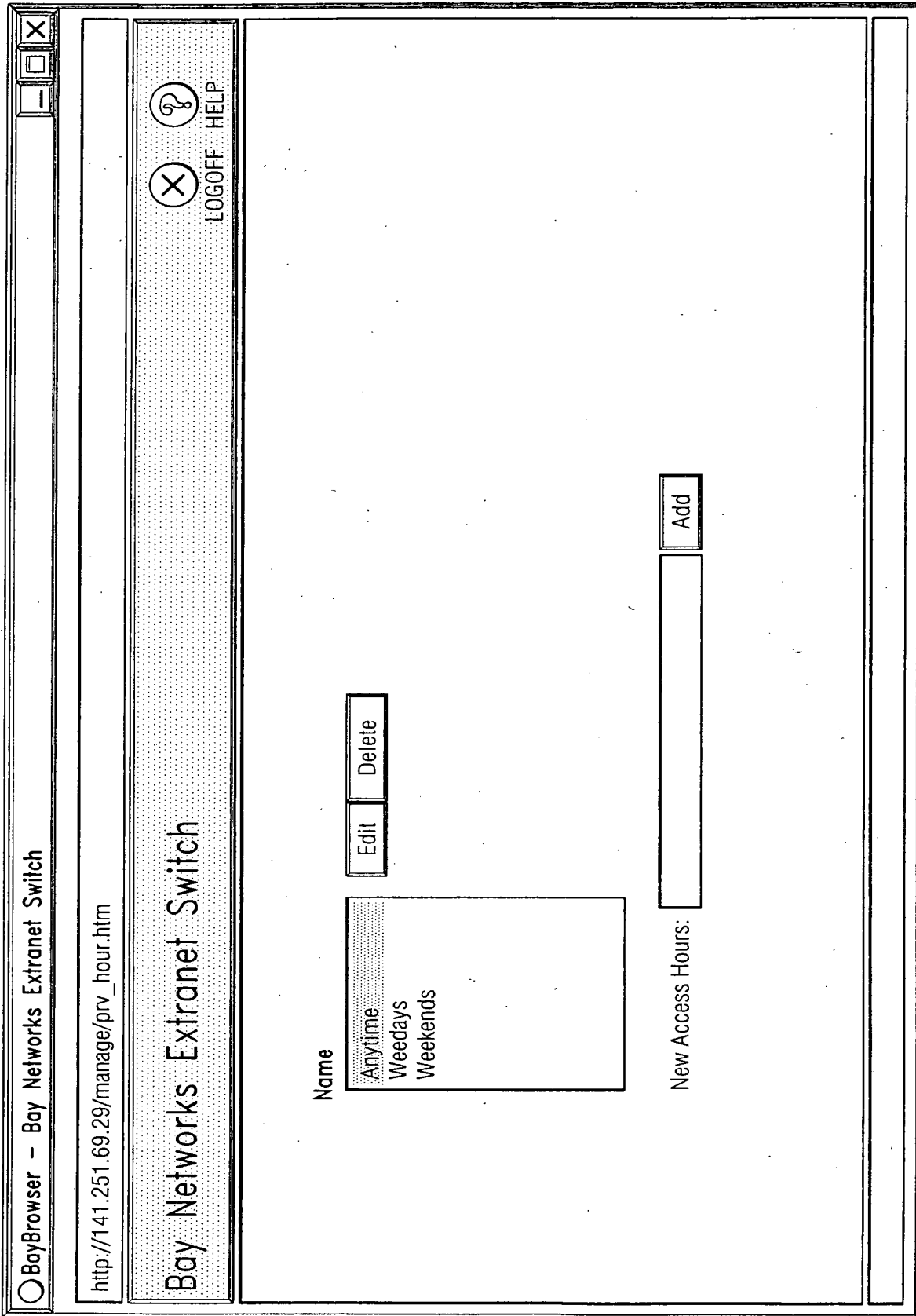


FIG. 37

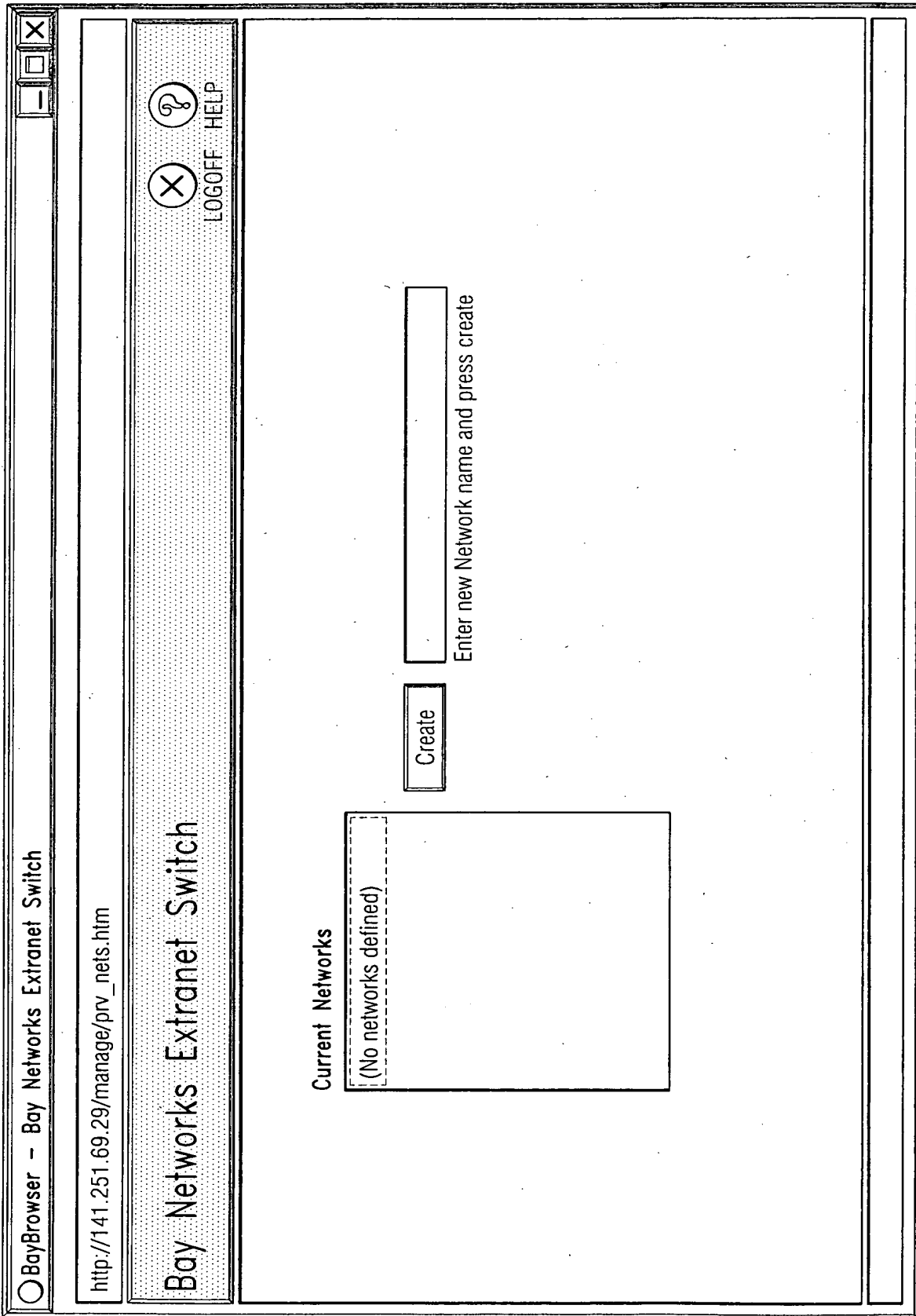


FIG. 38

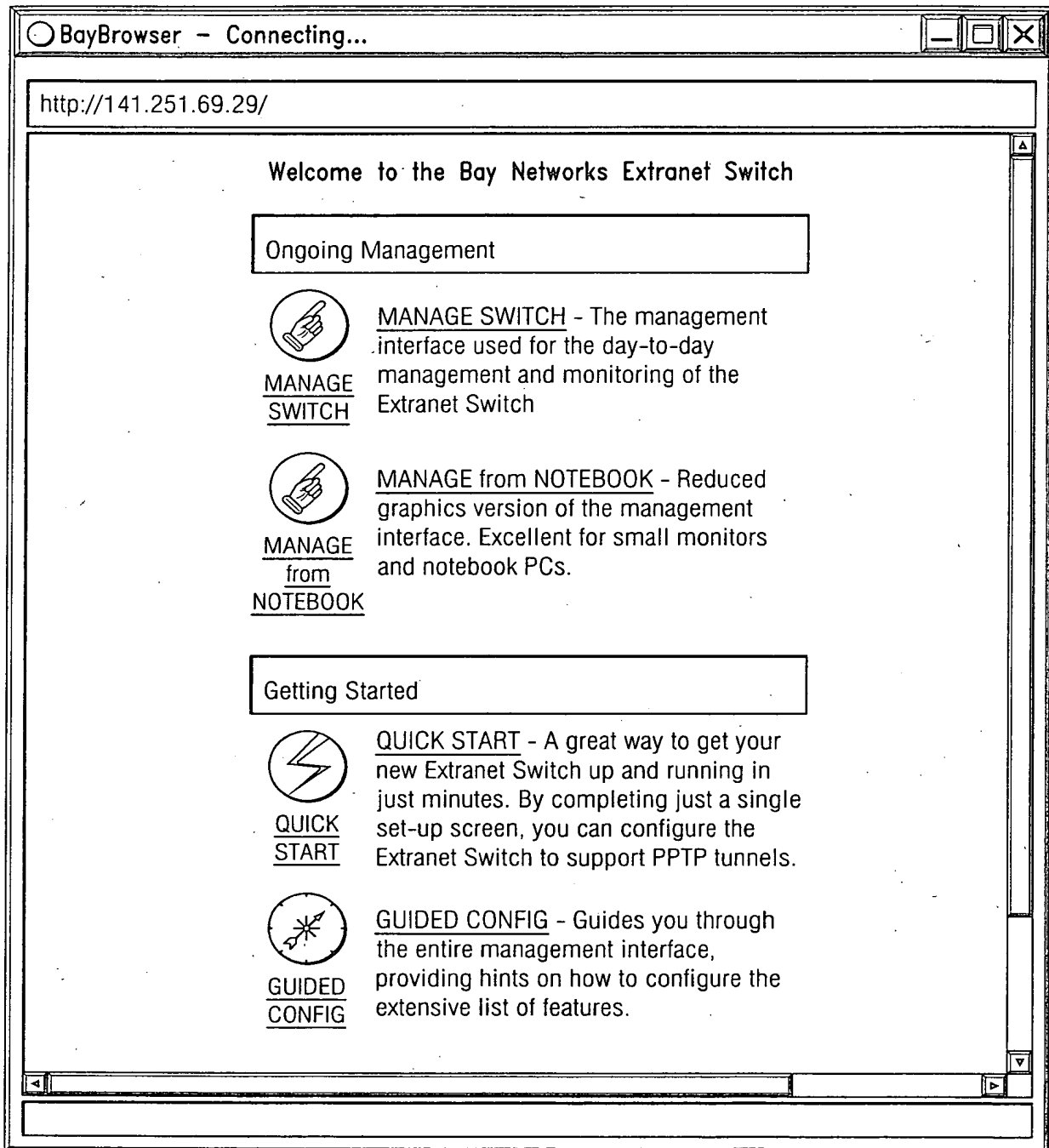


FIG. 39